CRAWLER EXCAVATOR

SERVICE MANUAL

R360LC-7

HYUNDAI

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CONTENTS

SECTION 1 GENERAL

Group 1 Safety Hints 1-1
Group 2 Specifications 1-9

SECTION 2 STRUCTURE AND FUNCTION

Group 1 Pump Device 2-1
Group 2 Main Control Valve 2-22
Group 3 Swing Device 2-50
Group 4 Travel Device 2-62
Group 5 RCV Lever 2-75
Group 6 RCV Pedal 2-82

SECTION 3 HYDRAULIC SYSTEM

Group 1 Hydraulic Circuit 3-1
Group 2 Main Circuit 3-2
Group 3 Pilot Circuit 3-5
Group 4 Single Operation 3-13
Group 5 Combined Operation 3-23

SECTION 4 ELECTRICAL SYSTEM

Group 1 Component Location 4-1
Group 2 Electrical Circuit 4-3
Group 3 Electrical Component Specification 4-20
Group 4 Connectors 4-28

SECTION 5 MECHATRONICS SYSTEM

Group 1 Outline 5-1
Group 2 Mode selection System 5-3
Group 3 Automatic Deceleration System 5-6
Group 4 Power Boost System 5-7
Group 5 Travel Speed Control System 5-8
Group 6 Automatic Warming Up Function 5-9
Group 7 Engine Overheat Prevention Function 5-10
Group 8 Anti-Restart System 5-11
Group 9 Self-Diagnostic System 5-12

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Group 10 Engine Control System 5-20
Group 11 EPPR(Electro Proportional Pressure Reducing) Valve 5-22
Group 12 Monitoring System 5-25

SECTION 6 TROUBLESHOOTING

Group 1 Before Troubleshooting 6-1
Group 2 Hydraulic and Mechanical System 6-4
Group 3 Electrical System 6-24
Group 4 Mechatronics System 6-40

SECTION 7 MAINTENANCE STANDARD

Group 1 Operational Performance Test 7-1
Group 2 Major Components 7-21
Group 3 Track and Work Equipment 7-32

SECTION 8 DISASSEMBLY AND ASSEMBLY

Group 1 Precaution 8-1
Group 2 Tightening Torque 8-4
Group 3 Pump Device 8-7
Group 4 Main Control Valve 8-31
Group 5 Swing Device 8-51
Group 6 Travel Device 8-76
Group 7 RCV Lever 8-112
Group 8 Turning Joint 8-127
Group 9 Boom, Arm and Bucket Cylinder 8-132
Group 10 Undercarriage 8-149
Group 11 Work Equipment 8-161

SECTION 9 COMPONENT MOUNTING TORQUE

Group 1 Introduction guide 9-1
Group 2 Engine system 9-2
Group 3 Electric system 9-4
Group 4 Hydraulic system 9-6
Group 5 Undercarriage 9-9
Group 6 Structure 9-10
Group 7 Work equipment 9-14

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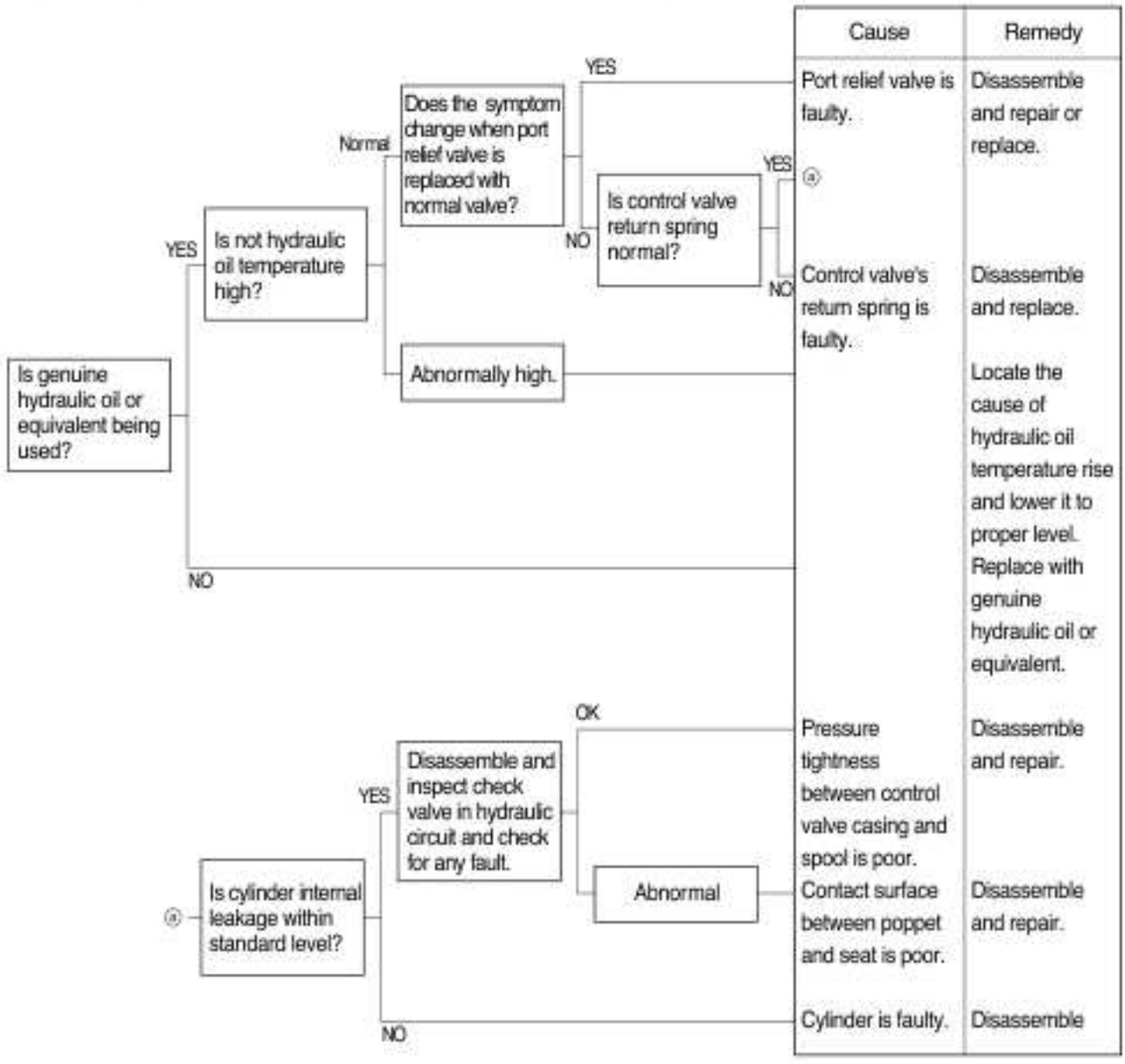
10) BUCKET

Item		Capacity		Tooth quantity	Width	
		PCSA heaped	CECE heaped		Without side cutter	With side cutter
R360LC-7	Standard	1.62m³(2.12yd³)	1.40m³(1.8yd³)	5	1440mm(56.7")	1585mm(62.4")
	Option	1.15m³(1.50yd³)	1.0m³(1.3yd³)	4	1090mm(42.9")	1235mm(48.6")
		* 1.62m³(2.12yd³)	1.40m³(1.8yd³)	5	1550mm(61.0")	-
		1.62m³(2.12yd³)	1.40m³(1.8yd³)	5	1545mm(60.8")	-
		1.86m³(2.43yd³)	1.60m³(2.1yd³)	5	1630mm(64.2")	1775mm(69.9")
		2.10m³(2.75yd³)	1.80m³(2.4yd³)	6	1810mm(71.3")	1955mm(77.0")
		2.32m³(3.03yd³)	2.0m³(2.6yd³)	6	1900mm(78.3")	2135mm(84.1")

* : Heavy duty bucket
: Rock bucket(Esco type)

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3) BOOM, ARM OR BUCKET CYLINDER EXTENDS OR CONTRACTS ITSELF AND ATTACHMENT FALLS

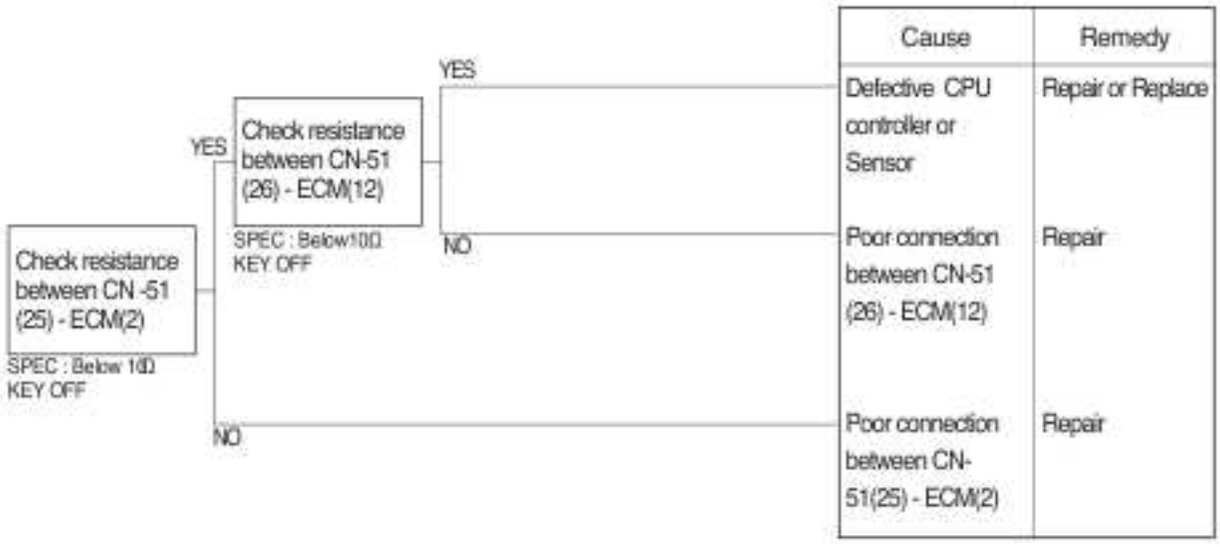


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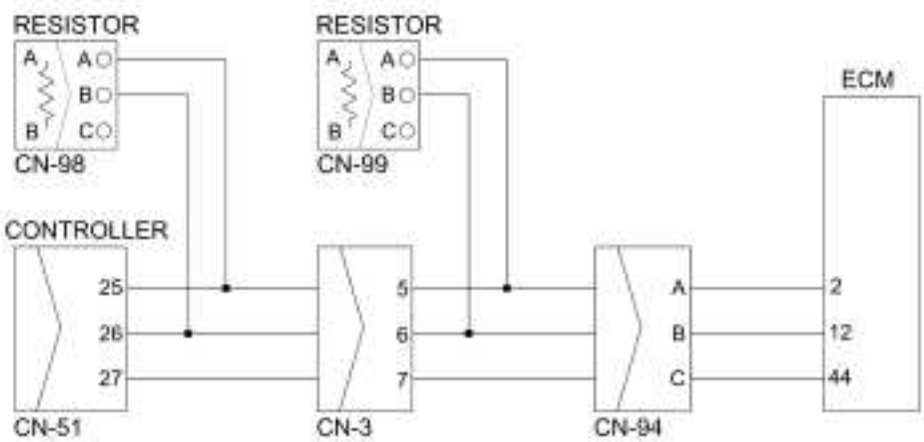
5. MALFUNCTION OF WARMING UP

※ Before carrying out below procedure, check all the related connectors are properly inserted.

1) INSPECTION PROCEDURE



Wiring diagram



3607BMS03

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(8) Remove carrier 2(6), with planetary gears 2(13), sun gear 3(11), etc. fitted.

¡ Use M10 eyebolt. In this case, thrust ring(26) is removed simultaneously.



(9) Disassembling of carrier 2 sub-assembly

¤ Push in spring pin(36), and remove pin 2(16), from carrier 2.

¡ Carry out the following check in advance. If any abnormality should be found, carry out disassembling.

¡/ Is there any crevice, crack or pitting on tooth surface of planetary gear?

¡/ When turning planetary gear lightly, is there any abnormal noise or eccentric clearance? Carry out check similarly to the above for carrier 3.



¤L Remove side plate(20), planetary gear 2(13), and needle bearing(22) from carrier 2.

¤Ø Remove thrust ring(26).



¤Œ Remove snap ring(46), and remove carrier 2(6) from sun gear 3(11).

¤ª Remove thrust ring(27) from sun gear 3(11).



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¤æ Take out oil seal(491) from shaft casing(272).

¡ Do not reuse the disassembling oil seal(491).



(2) Disassembling of valve casing sub-assembly

¤ Remove two M10¡¿135 bolts for compelling brake release. Disassemble brake piston from valve casing.

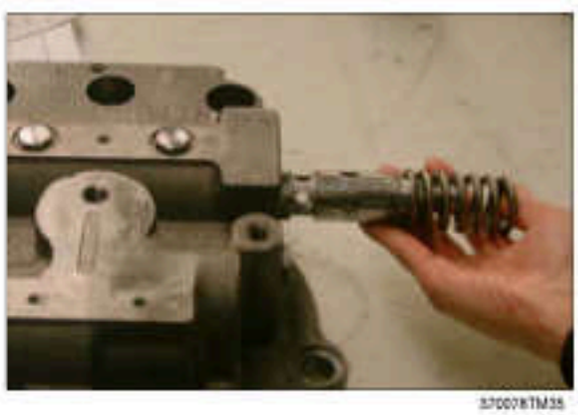


¤Ł Remove plug(571), tilting spring(533), and tilting spool(531) from valve casing.

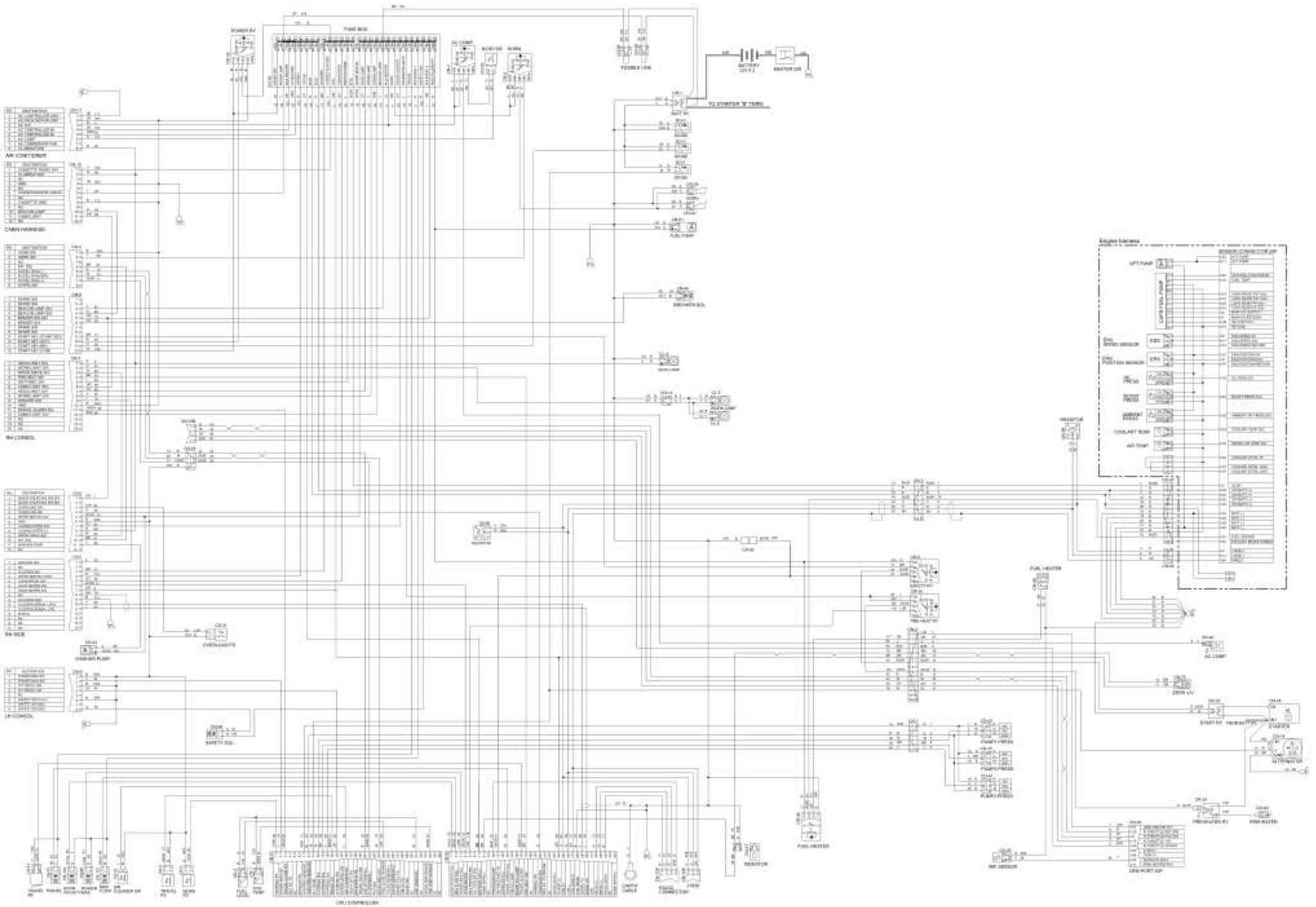


¤ø Remove socket bolts(366), counterbalance cover(364), and counterbalance spool assembly.

¡ When any abnormality is found in counterbalance spool, counterbalance spring, etc. replace with the counter balance spool sub assembly as a set.



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